

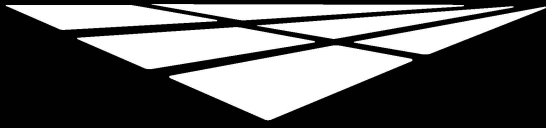
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# **MACOAT™ VTS**

## **VEHICULAR TRAFFIC SYSTEM**



**WATERPROOF**  
RELIABLE MOISTURE BARRIERS



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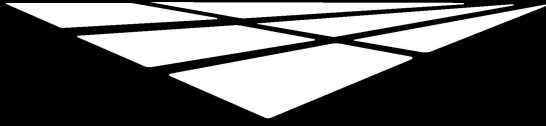
# **MACOAT VEHICULAR TRAFFIC SYSTEM SUBMITTAL PACKAGE**

**DIVISION 7 – THERMAL AND MOISTURE PROTECTION  
SECTION 07 18 16 VEHICULAR TRAFFIC COATINGS  
CONCRETE SURFACES**

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# **SYSTEM BROCHURE**



## **ABOUT MACoat™ VTS**

The MACoat™ Vehicular Traffic System is a fiberlath reinforced vehicular traffic system. The MACoat™ VTS is used on elevated concrete decks. MACoat™ VTS is designed for use in vehicular traffic areas, such as: parking structures and garages, parking decks and ramps. Additionally, the MACoat VTS system can be used on plazas, rooftop decks, terraces and balconies.



## **ULTRA-TOUGH. PROTECTIVE.**

- Waterproof
- Flexible
- Polyurethane Topcoat
- Fast access after installation
- Skid resistant textured finish



**FOR PROFESSIONAL USE ONLY.**





## MACoat Vehicular Traffic System

### Waterproof

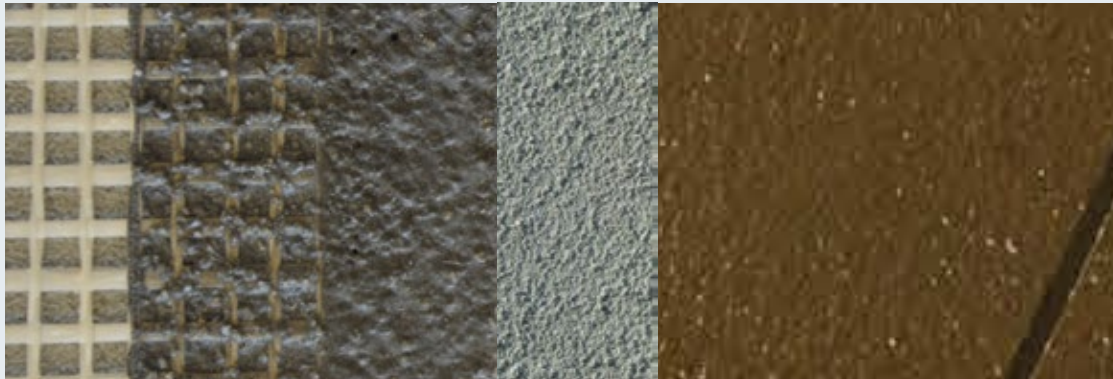
A combination of our fiberlath, a proprietary acrylic waterproofing resin mixed with a specially formulated cement, and sealed with a polyurethane topcoat, MACoat provides long-lasting protection.

### Lightweight

Designed for use on elevated concrete and many plywood walking decks, MACoat weighs less than one pound per square foot when installed.

### Fast access after installation

Spend less time waiting. MACoat dries quickly for fast access during and after installation.



Fiberlath

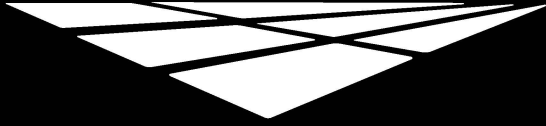
Base Coat

Slurry Coat

Texture Coat

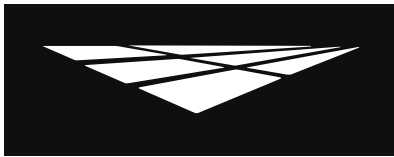
Chemical Resistant Topcoat





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# **SYSTEM SPECIFICATION SHEET**



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# SYSTEM SPECIFICATION

## WP

### WATERPROOF

RELIABLE MOISTURE BARRIERS

## MACoat™ Vehicular Traffic System

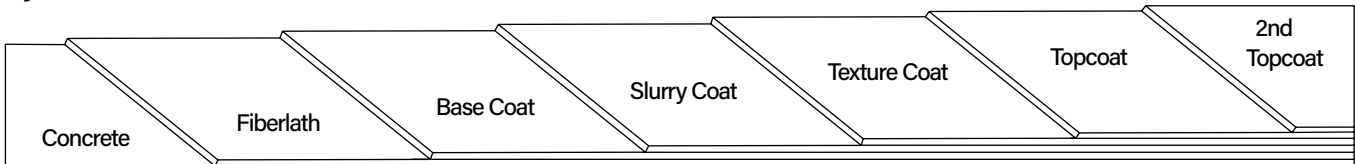
### Description

The MACoat™ Vehicular Traffic System (VTS) is a fiberlath reinforced deck system installed with a series of three separate waterproof acrylic applications and sealed with 2 coats of Westcoat EC-95G Gloss Polyurethane Topcoat. The finished product weighs approximately one pound per square foot.

### Uses

The MACoat™ Vehicular Traffic System is used on elevated concrete decks. MACoat™ VTS is designed for use in vehicular traffic areas, such as: parking structures and garages, parking decks and ramps. Additionally the MACoat™ VTS can be used on plazas, rooftop decks, terraces and balconies.

### System Overview



System Data					
<b>Coverages</b>	<b>Base Coat</b> 220-260 ft <sup>2</sup> per batch	<b>Slurry Coat</b> 250-320 ft <sup>2</sup> per batch	<b>Orange Peel Texture</b> 150-200 ft <sup>2</sup> per batch	<b>Topcoat</b> 300-400 ft <sup>2</sup> per gallon	<b>2nd Topcoat</b> 300-400 ft <sup>2</sup> per gallon
<b>Components</b>	<a href="#">EC-72 Epoxy Patch Gel</a> <a href="#">WP-47H Fiberlath Heavy Duty</a> <a href="#">WP-47A Seam Tape</a> <a href="#">WP-90 Waterproofing Resin</a> <a href="#">WP-81 Cement Modifier</a> <a href="#">TC-1 Basecoat Cement</a> <a href="#">TC-3 Medium Texture Cement</a> <a href="#">EC-95G Gloss Polyurethane Topcoat</a> <a href="#">CA-33 Aluminum Oxide</a>		<b>Shelf Life</b> 2 years 5 years 1 year 2 years 2 years 1 year 1 year 3 years N/A		

### Advantages

Flexible • Durable • Fast Access After Installation • Choice of Colors and Textures • Polyurethane Topcoat • Safe, Skid Resistant Textured Finish • Environmentally Safe Acrylics • Waterproof

### Inspection

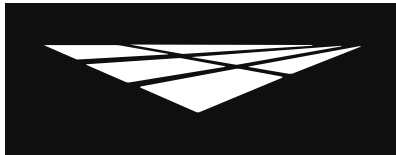
Concrete must be a minimum of 2 inches thick. It must be clean, dry and free of grease, paint, oil, dust, curing agents, laitance or any foreign material that will prevent proper adhesion. The concrete should be at least 2,500 PSI, porous and able to absorb water. A minimum of 28 days curing time is required on all concrete. Slope must be a minimum of ¼ inch per linear foot. Decks should meet local building code.

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MACoat™ Vehicular Traffic System

### Moisture

All concrete should be tested for moisture before applying a seamless coating. If moisture emissions exceed 4% by weight using a concrete moisture meter (ASTM F2659) or if the relative humidity (RH) exceeds 75% (ASTM F2170), please refer to the EC-15 Moisture Vapor Barrier Product Specification Sheet.

### Preparation

Prepare concrete to a profile equal to CSP 3 as specified by ICRI. For rough concrete, a slurry coat may be applied. Create the slurry coat by adding one gallon of WP-81 Cement Modifier and up to ½ gallon of water into a clean mixing bucket and add one bag of TC-1 Basecoat Cement. Mix until uniform with a mechanical mixer at a low rpm. Trowel the slurry mix over the surface to achieve a smooth finish. Coverage of the slurry coat is between 100-150 square feet per batch. Using a brush wet with water, feather all outside edges. After surface is dry (usually 30 minutes to 2 hours at 70 degrees), scrape or grind off any ridges or trowel marks. Applied prior to the MACoat™ installation.

### Concrete Expansion Joints

Moving expansion joints should be honored and filled with a 2 part urethane sealant (approved by Westcoat). Sides of joints should be cleaned and applied per joint sealant manufacturer's recommendation after the MACoat™ process is completed.

### Concrete Seams and Cracks

Cracks greater than 1/32 inch should be routed out ¼ x ¼ inch. Install WP-47A Seam Tape over all cracks and seams. Apply EC-72 Epoxy Patch Gel into the tape with a trowel or putty knife to smooth and broadcast with 30 grit silica sand to allow adhesion of the coating. Allow EC-72 3-4 hours to cure before the next coat. This is a remedial approach to patch cracks and there is no guarantee that cracks will not reappear.

### Primer Requirements

Priming is not required over properly prepared concrete.

### Base Coat

Lay out WP-47H Fiberlath Heavy Duty reinforcing mesh on the deck, overlapping the seams approximately 2 inches. Combine one bag of TC-1 Basecoat Cement with five gallons of WP-90 Waterproofing Resin. This mix is larger than five gallons, so if wanting to use a five gallon pail to mix, combine 25 pounds of TC-1 with 2 ½ gallons of WP-90 by volume and mix with a mechanical mixer until uniform. Pour the mixture into the WP-47H, trowel thin and smooth at the coverage rate of 220-260 square feet per batch. Use a paintbrush to spread the base coat on the flashing, making sure to get the mixture into the seams and corners. Using a brush, wet with water, feather all outside edges. Allow surface to dry for 1-4 hours at 70F degrees. Scrape off any high spots or ridges that may inhibit application of a smooth texture coat. Trim any mesh that is showing on perimeters after the material has hardened.

Note: Should deck coating not be completed in one phase or to allow for other construction trades, deck should be covered and protected to avoid being damaged and to keep clean. It may be necessary to power wash the deck to dislodge any construction debris or any other foreign matter.

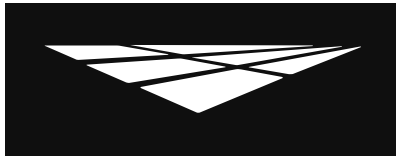
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MACoat™ Vehicular Traffic System

### Feather Patch

Smooth all seams or imperfections by mixing one bag TC-1 to five gallons of WP-90 (For five gallon pail mix, combine 25 pounds of TC-1 with 2 ½ gallons of WP-90). Patch all areas where fiberlath is not laminated flat or any visible seams or overlaps. Feather these patches with a paintbrush and water. Scrape or sand all the patches.

### Slurry Coat

Mix one bag TC-1 to five gallons of WP-90 (see Base Coat instructions for five gallon mix) and trowel the entire surface smooth and as thin as possible or at the rate of approximately 250 to 320 square feet per batch. For easier application, you may add up to 1 quart of water to help loosen up the mix. After the texture has dried (30 minutes to 1 hour at 70F degrees) lightly scrape any trowel marks and vacuum the surface clean. You are now ready to apply the Orange Peel Texture.

### Orange Peel Texture

For an Orange Peel Texture, combine 1 bag of TC-3 Medium Texture Cement with 1 gallon of WP-81 Cement Modifier. Mix thoroughly with a mechanical mixer. Add up to ½ gallon of water to achieve the desired consistency. Using an acoustical hopper gun, spray the texture onto the deck with a circular motion to achieve approximately 90% coverage at a rate of about 150-200 square feet per batch. Spray continuously, do not stop in the middle of the deck. If you are unsatisfied with the results, immediately scrape off and re-spray, as desired. To avoid making impressions, the applicator should wear cleated shoes, making sure not to perforate the MACoat™ VTS.

After the texture has dried (30 minutes to 1 hour at 70F degrees), lightly scrape any trowel marks and vacuum the surface clean prior to sealing. Allow the Orange Peel Texture to dry for approximately 4-6 hours at 72F degrees before applying the Topcoat.

### Topcoat

Premix each component separately. For color consistency, box all part A's. In a clean bucket, mix 2 parts A with 1 part B (by volume) of EC-95G. Mix thoroughly with a low speed (400-600 rpm) drill motor for 3-4 minutes. Make sure to scrape the sides and bottom of the container during mixing. After mixing is completed, remove material from container.

Immediately after mixing, spread a strip of the material onto the surface along the edge where it will be cut in using a brush. Pour the remaining material near the cut in area and spread evenly using a squeegee or flat trowel and back roll with a ¾ to ½ inch non-shedding, solvent resistant roller cover. Material should be applied at a rate of 300-400 square feet per gallon. Apply quickly and do not over roll, as product will begin to "tack-up" as the air begins to cure it. CA-33 Aluminum Oxide in either #36 or #60 grits should be broadcast into the EC-95G to provide a slip resistant surface. Two coats of EC-95G are required to provide suitable protection over the MACoat VTS. A mockup should be performed, prior to the application, to confirm texture, color, slip resistance and overall finish.

Re-coat if needed, within 24 hours of application to ensure adhesion. If a delay occurs, it is recommended that the surface be lightly sanded and wiped with denatured alcohol just before reapplication. A test area should be performed prior to all re-coats.

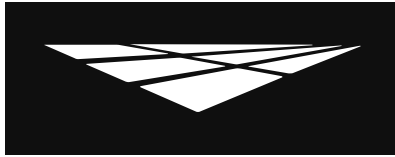
Prohibit traffic on the floor for 48 hours after installation. Avoid heavy abrasion and chemical exposure for 5 days. Allow 72 hours minimum for vehicular traffic (all times are based on 72F degrees).

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**MACoat™ Vehicular Traffic System**

### Optional Materials

#### Cement Additives

- CA-15 Cement Accelerator can be added to Westcoat cements to help reduce dry times.
- CA-16 Cement Decelerator can be added to Westcoat cements to increase working time during periods of hot weather.

#### Sloping

- Westcoat Slope Technique may be used if additional sloping is required. Please contact your Westcoat Representative for further information.

#### Additional Waterproofing

- WP Wrap can be used as a supplemental waterproofing system used to provide additional waterproofing with reinforcement, along the perimeter of decks, over flashing and other challenging areas.

#### Optional Topcoat

- EC-102 Polyaspartic is recommended when tire staining is a concern and also provides a quick drying, UV resistant, high gloss, high build, mar and chemical resistant finish. Two coats of EC-102 are required to provide suitable protection over the MACoat VTS.

\* Please refer to Product and System Specification Sheets for additional information.

### Clean Up

Uncured acrylic material can be removed with soap and warm water. If cured, material can only be removed mechanically or with an environmentally-safe solvent.

### Maintenance

Exterior surfaces can be swept daily with water and a broom. For tougher dirt or grease, use degreaser diluted with water 20:1 and a soft bristle brush or broom. Be sure to rinse well. To remove calcium or lime build up, brush diluted 100 grain vinegar onto the surface; be sure to rinse any residue.

The MACoat™ Vehicular Traffic System should be inspected for wear every 2 to 4 years. The system should be resealed with the appropriate Westcoat sealer every 3 to 5 years, depending upon traffic and UV exposure. Contact the original Installer of Westcoat for complete re-coating instructions.

### Health Precautions

Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat and lungs. Prolonged or repeated skin contact can cause slight skin irritation. Cements contain silicas, dust mask or respirator should be used when mixing, sanding or grinding.

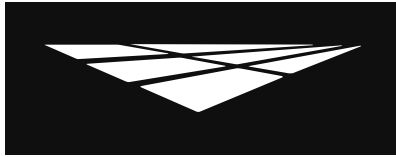
Solvent based products are extremely flammable, extinguish all pilot lights and sources of ignition such as electrical motors. Be sure to have adequate cross ventilation prior to installing.

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**MACoat™** Vehicular Traffic System

### Limitations

- This system is designed for professional use only.
- Read Product Specification Sheets for every product you will be using before beginning the project.
- Do not apply at temperatures below 50°F or above 90°F.
- Rain will wash away uncured Westcoat acrylic products.
- If inclement weather threatens, cover deck to protect new application.
- Sealers will make the surface slippery, please be aware the texture of the surface and how the sealer will affect the look, feel and skid resistance.
- Approval and verification of proposed colors, textures and slip resistance is recommended.
- Do not allow Westcoat products to freeze.

### Slip Precaution

Westcoat Specialty Coatings Systems highly recommends the use of a slip-resistant additive to all coatings/systems that may be exposed to wet, oily, greasy or slippery conditions. It is the end user's responsibility to provide a flooring system that meets current safety standards. Westcoat and its distributors will not be responsible for injury incurred during a slip and fall incident. For the current coefficient of friction requirements, please consult your local building codes.

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# **CSI SPECIFICATION**



## SECTION 071816

### VEHICULAR TRAFFIC COATINGS

#### PART 1 GENERAL

##### 1.01 SUMMARY

- A. Section includes: Acrylic modified cementitious waterproof system for concrete that meets the requirements for specific use indicated in the contract documents. Include applicable substrate testing, surface preparation, and detail work.

##### 1.02 RELATED SECTIONS

- 1. Section 03 30 00 – Cast-in-Place Concrete
- 2. Section 03 35 00 – Concrete Finishing
- 3. Section 03 39 00 – Concrete Curing
- 4. Section 07 92 00 – Joint Sealants

##### 1.03 SUBMITTALS

- A. Submit under provisions of Section 013300.
- B. Product Data: Submit manufacturer's product data sheets on each product and system to be used including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements.
  - 3. Installation methods.
  - 4. Maintenance requirements.
- C. Selection Samples: For each system specified, provide two sets of samples and color charts representing manufacturer's full range of colors and patterns.

##### 1.04 QUALITY ASSURANCE

- A. Materials used in the vehicular traffic system must be manufactured and provided by a single manufacturer to ensure compatibility and proper bonding.
- B. Use adequate numbers of skilled workmen thoroughly trained and experienced in the necessary crafts and completely familiar with the specified requirements and methods needed for proper performance of the work of this section.
- C. Contractor must have at least of 3 years experience installing vehicular traffic coatings of this type which is required for this project and who is acceptable to the manufacturer.
  - 1. Contractor is responsible to designate a single individual as project foreman who will be on site at all times during installation.
  - 2. Contractor must show and have QCA Qualified Contractor/Applicator paperwork from the manufacturer of the coating system, as required to obtain a long-term jobsite specific warranty.
- D. Convene a pre-application meeting before the start of application of coating system. Require attendance of parties directly affecting work of this section, including: Architect, contractor, applicator, and authorized representative of the coating system manufacturer and interfacing trades. Review the following:
  - 1. Drawings and specifications affecting work of this section.
  - 2. Protection of adjacent surfaces.
  - 3. Surface preparation and substrate conditions.

4. Application.
5. Field quality control.
6. Protection of coating system.
7. Repair of coating system.
8. Coordination with other work.

#### 1.05 DELIVERY, STORAGE & HANDLING

- A. Delivery: Deliver materials to the job site in sealed, undamaged containers. Each container must be clearly marked with manufacturer's label showing type of material, color, and lot number.
- B. Storage: Store materials in a clean, dry place with a temperature range in accordance with manufacturer's instructions.
- C. Handling: Handle products carefully to avoid damage to the containers. Read labels and Material Safety Data Sheets prior to use.

#### 1.06 PROJECT SITE CONDITIONS

- A. Maintain environmental conditions (temperature and weather) within the limits recommended by the manufacturer.
- B. Test concrete for moisture before applying a seamless coating. If moisture emissions exceed 5 lbs/1000 square feet (ASTM F1869) or if the relative humidity (RH) exceeds 75 percent (ASTM F2170), see EC-15 Moisture Vapor Barrier product specification.
- C. Concrete must be at least 2500 psi.
- D. Concrete must be at least 2 inches thick
- E. Cure concrete for at least 28 days before coating is applied.
- F. Schedule coating work to avoid rain and excessive dust and airborne contaminants. Protect work areas from moisture and excessive airborne contaminants during coating application.
- G. Examine surfaces for deficiencies. Should any deficiencies exist, the architect, owner or general contractor must be notified in writing and any corrections necessary be made.

#### 1.07 WARRANTY

- A. Upon completion of the work in this section provide a written warranty from the manufacturer against defect of materials for a period of 5 (five) years. To obtain project specific warranty the coating system applicator must be a Westcoat Qualified Contractor/ Applicator and apply for warranty.

### **PART 2 PRODUCTS**

#### 2.01 MANUFACTURERS

- A. Acceptable manufacturer: Westcoat Specialty Coatings; 4007 Lockridge Street, San Diego, CA 92102. Telephone 800-250-4519. Fax 619-255-7187. Website: [www.westcoat.com](http://www.westcoat.com).

#### 2.02 MATERIALS

- A. As basis of design Westcoat MACoat Vehicular Traffic System (no substitutions will be approved): Waterproof vehicular traffic system reinforced with fiberlath and installed with a series of polymer-modified cementitious applications, and sealed with polyurethane topcoat.

#### 2.03 COMPONENTS

- A. MACoat Vehicular Traffic System: Vehicular traffic system for use over concrete or existing coating.
  1. Fiberlath: Place WP-47 Fiberlath over entire deck overlapping seams 2 inches.
  2. Base Coat: Combine one 50 pound bag of TC-1 Base Coat Cement and 5 gallons of WP-90 Waterproofing Resin. Apply by trowel at 220-260 square feet per batch.

3. Feather Patch: Combine one 50 pound bag of TC-1 Base Coat Cement and 5 gallons of WP-90 Waterproofing Resin. Apply by paintbrush or trowel to smooth seams or imperfections where fiberlath is not laminated flat, or where seams and overlaps are visible.
4. Slurry Coat: Combine one 50 pound bag of TC-1 Base Coat Cement, 5 gallons of WP-90 Waterproofing Resin, and up to one quart of water. Apply by trowel at 250-320 square feet per batch.
5. Orange Peel Texture Coat: Combine one 50 pound bag of TC-3 Medium Texture Cement, one gallon of WP-81 Cement Modifier (and up to ½ gallon of water. Apply by acoustical hopper gun at 150 to 200 square feet per batch.
6. Topcoat: Apply desired color of EC-95G Gloss Polyurethane Topcoat in two thin applications at 300-400 square feet per gallon.

## 2.04 ACCESSORIES

- A. Supplemental Materials:
  1. When applicable, flashing should be 26 gauge bonderized sheet metal. 4 inch by 4 inch at wall to deck juncture and 2 inch by 4 inch drip edge at outside perimeter of deck.
  2. Drains must be one piece deck drains with flange such as, by Thunderbird Products.
  3. Use Westcoat WP-51 Polyurethane Sealant when a sealant is required.
  4. Use EC-72 Epoxy Patch Gel as needed for patching.
  5. Use TC-23 Mortar Mix as needed for concrete repairs.
  6. Use Westcoat Slope Technique when additional sloping is required.
  7. Use Westcoat WP Wrap to provide additional waterproofing with reinforcement, along the perimeter of decks, over flashing and other challenging areas.
  8. Use EC-102 Polyaspartic when tire staining is a concern.
  9. WP-82 Cement Modifier Low Odor can be used in lieu of WP-81, when a lower odor option is required.

## PART 3 EXECUTION

### 3.01 EXAMINATION

- A. Verification of conditions.
  1. Inspect surfaces to receive the vehicular traffic system. Verify surfaces are dry, clean, and free of contaminants that would prevent coating system from properly adhering to the surface.
  2. Verify substrates have ¼ inch slope per lineal foot.
  3. Before starting work, report in writing to the owner any unsatisfactory conditions.

### 3.02 SURFACE PREPARATION

- A. General:
  1. Prepare surfaces using methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Concrete substrate:
  1. Create a surface profile by grinding, water blasting, or shot blasting to achieve a surface profile equal to CSP 3 as specified by ICRI.
  2. Rout and clean cracks and static joints: fill with manufacturer's recommended flexible epoxy filler material.
  3. Honor moving and expansion joints. Seal with manufacturer's recommended joint sealant.
  4. Repair any non-moving surface deviations with manufacturer's recommended patching material.

### 3.03 INSTALLATION

- A. Install coatings in accordance with manufacturer's instructions.
- B. Mix materials in accordance with manufacturer's instructions.
- C. Use application equipment, tools, and techniques in accordance with manufacturer's instructions.

- D. Uniformly apply coatings at spread rates and in number of coats to achieve specified coverage.
- E. Adhere to limitations, instructions, and cautions for vehicular coatings as stated in the manufacturer's published literature.

#### 3.04 FIELD QUALITY CONTROL

- A. Verify coatings and other materials are as specified.
- B. Verify coverages and finish of the system as work progresses.
- C. Manufacturer's representative will provide technical assistance and guidance for surface preparation and application of coating systems.

#### 3.05 PROTECTION AND CLEAN-UP

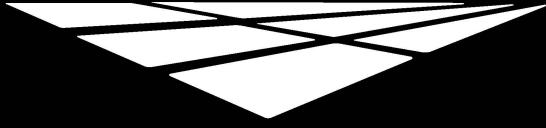
- A. Installation areas must be kept free from traffic and other trades during the application procedure and cure time.
- B. Protect finished surfaces of coating system from damage during construction.
- C. Touch-up, repair or replace damaged coating system after substantial completion.
- D. Clean area and remove debris upon completion of work. Dispose of empty containers properly according to current Local, State and Federal regulations.
- E. Prohibit traffic on floor for 48 hours after installation. Avoid heavy abrasion and chemical exposure for 5 days. Allow 72 hours minimum for vehicular traffic.

#### 3.06 MAINTENANCE

- A. The Contractor is responsible to provide the owner with maintenance and cleaning instructions for the floor system upon completion of work. Owner is required to clean and maintain the surfaces to maintain manufacturer's warranty.

### **END OF SECTION**

*This guide specification has been prepared by Westcoat Specialty Coating Systems to assist design professionals in developing a project specific specification. This guide is a template that must be reviewed and adapted by specifiers to comply with project requirements. This guide specification is not to be copied directly into a project specification manual without review.*



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# **COLOR CHART**



Travatan I 40



Tile Red I 34



Deep Tan I 27



Pewter Gray I 12



Cape Cod Gray I 41



Concrete Gray I 52



Black I 56



Stone Gray I 42



ANSI Safety Red I 90



ANSI Safety Yellow I 91



ANSI Safety Blue I 92



ANSI Safety Green I 93

\* Also available in White | 00

\* Custom color matching also available in EC-11, EC-12, EC-34, EC-95 and EC-102 with a 20 gallon minimum and \$250.00 color matching fee.

\* ANSI Safety colors only available in EC-12, EC-34, and EC-95.



**CAUTION :**

Color will vary between products and sheens. This chart is for reference only.  
Please request an actual color sample or apply sample on site before beginning any project.





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# **SAMPLE WARRANTY**



# WARRANTY

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## WESTCOAT MACOAT VEHICULAR TRAFFIC SYSTEM MATERIAL WARRANTY

Subject to the conditions, limitations and requirements set forth below, Westcoat warrants the Westcoat MaCoat materials to be free of defects in the material for a period of five (5) years from the date of original purchase of the materials provided that the materials are installed by a factory trained state-licensed contractor enrolled in the Westcoat QCA program and subject to all terms and conditions set forth below. Westcoat disclaims any warranty for the labor or installation of the MaCoat materials.

If the Westcoat MaCoat materials fail due to defects within the warranty period, Westcoat, in its sole discretion, will either provide replacement materials for the defective MaCoat materials or reimburse the original purchaser in an amount not to exceed the original cost of the materials. Westcoat shall in no way be responsible or liable for any labor costs or any incidental or consequential damages, including without limitation, economic losses, lost profits, business interruption, loss of use, contribution, indemnity or other losses arising from the use of the MaCoat materials.

This warranty is limited to the original purchases and is non-transferable. This warranty is void if the MaCoat materials are: applied to the top of OSB; not properly maintained; not installed pursuant to the current system information sheet; and/or applied at any area that is not built in accordance with applicable building codes. The warranty is also void if all of the materials are not purchased from an authorized distributor of Westcoat.

This warranty does not apply to and Westcoat has no responsibility or liability for: (1) the condition or movement of the substrate; (2) parts, products, or accessories not sold by Westcoat such as sheet metal flashings, scuppers and drains; (3) the loss of gloss, fading or cleaning; (4) repairs and/or maintenance of the sealer and texture coat (5) the application of its materials over an oriented strand board ("OSB") substrate; (6) abuse or misuse of the materials; or (7) improper installation.

THIS MATERIAL WARRANTY AND THE REMEDIES PROVIDED HEREUNDER ARE EXCLUSIVE AND GIVEN IN LIEU OF ALL OTHER WARRANTIES (WHETHER WRITTEN, ORAL, IMPLIED OR STATUTORY). THERE ARE NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, THAT EXTEND BEYOND THAT SPECIFICALLY DESCRIBED HEREIN. PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURERS OF WESTCOAT, INCLUDING CLAIMS BASED UPON THE MANUFACTURER'S NEGLIGENCE OR STRICT LIABILITY, SHALL BE LIMITED SOLELY TO THE REPLACEMENT OF ANY DEFECTIVE MACOAT MATERIAL OR A PAYMENT BY THE MANUFACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL MACOAT MATERIAL.

The Westcoat ALX system requires a maintenance topcoat with WESTCOAT ACRYLIC TOPCOAT (or Westcoat Sealer) specified by a factory representative, every three to five years (depending on ultraviolet exposure and/or traffic) as determined by a Westcoat QCA OR authorized inspector. Inspections are required one year after installation and every two years thereafter by a Westcoat QCA or an authorized inspector. The record of the inspection must be kept in writing and entitlement to the benefits of this warranty require the purchaser to show proof of purchase of the materials and the record of inspection(s).

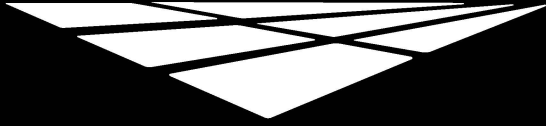
All claims arising from any defect in the MaCoat materials or under this Warranty shall be made, in writing, to Westcoat within ninety (90) days of the discovery of the alleged defect and within the time period of this warranty. Upon notification, Westcoat shall have the right to inspect and determine course of repair. The absence of a written claim within this time period shall constitute a waiver of all claims, rights and damages against Westcoat, and its affiliates. This warranty shall not toll or extend any statute of limitation applicable to a claim of negligence, breach of contract or strict liability against Westcoat.

Any and all disputes, claims or damages arising out of the use of MaCoat materials or this Warranty shall be arbitrated in the County of San Diego, State of California, utilizing the services of a neutral dispute resolution service upon which the purchaser and Westcoat agree, or if they cannot agree, utilizing the services of the American Arbitration Association. The purchaser and Westcoat hereby waive any right they may have to have a jury decide any dispute.



**westcoat**<sup>™</sup>

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**westcoat®**

# **GENERAL MAINTENANCE**



## EXTERIOR COATINGS

Westcoat exterior coating systems (including such systems as: ALX, ALX Pro, MACoat, Texture-Crete, etc.) offer durable, high-performance, long lasting surfaces, that are designed to provide years of service against normal wear and usage. To extend the service life of your Westcoat system, it is recommended to implement a routine cleaning regimen and have periodic deck inspections. This information is a basic guideline only.

### Routine Cleaning

All coating systems require maintenance and upkeep to ensure continued performance and to maximize the life of the system. Maintenance methods may vary depending on the system, texture, topcoat or sealer, environment conditions, slope, drainage, volume and type of traffic, and use of space.

Ensure that the coating surface is free from debris, such as sand, gravel, metals, or other abrasives that can result in premature wear of the topcoat or sealer. Grease, oils, and other contaminants should be removed regularly to maintain the surface.

Be sure to test all cleaning agents in an unnoticeable area to ensure compatibility. Refer to the manufacturer's instructions and dilution rates for all cleaning agents. Routine cleaning can be achieved by using a mild cleaning solution, such as "Simple Green" or mild soap. Utilize a brush or broom to help agitate and loosen up dirt and debris. Ensure that the surface is rinsed with clean water thoroughly. Do not allow cleaning agents to dry on the surface.

A low psi pressure washer (do not exceed 1000 psi) equipped with fan tip, and/or a soft bristle, floor scrubber brush on a floor machine may be used to help aid in cleaning. Do not use metal-based or coarse brushes, as they may damage the surface.

To remove water stains from calcium or lime build up, 100 grain vinegar can be used. Start by diluting the vinegar, eight parts water to one part vinegar. If needed, you can use the vinegar diluted one to one with water. Avoid using neat or full strength 100 grain vinegar. Scrub the diluted vinegar mixture over the surface. Be sure to completely rinse any residue thoroughly with clean water. Avoid using vinegar mixture or any cleaner in direct sunlight, as direct sun may evaporate cleaning solution and may leave a film or residue on the surface.

Any information provided by Westcoat Specialty Coating Systems is for general purposes only. Nothing presented by Westcoat Specialty Coating Systems constitutes design advice or a recommendation specific to a particular situation. Westcoat Specialty Coating Systems directs you to consult with the appropriate qualified design professional to ensure any product or information meets the requirements for the specific intended use, and complies with all building plans, specifications, codes or regulations. Westcoat Specialty Coating Systems expressly and specifically disclaims responsibility for any damages arising from the use of any information, and each recipient of this information agrees that there is no express or implied warranty, including any implied warranty of merchantability or fitness for a particular purpose, arising from any information provided by Westcoat Specialty Coating Systems.





## EXTERIOR COATINGS

### Maintenance and Inspections

All exterior coating systems should be periodically inspected and regularly maintained by a Westcoat Qualified Contractor Applicator (QCA). Inspections are required one year after installation and every two years thereafter by a factory authorized representative. After 3-5 years, a "reseal" (thorough cleaning and reapplication of Westcoat topcoat/sealer) may be required. Existing sealer or coating should be lightly abraded before application of topcoat or sealer. Some topcoats and sealers may require additional preparation, prior to recoating. Should damage occur, be sure to contact the original Westcoat applicator to inspect and repair the coating system immediately.

### Best Practices

- Do not expose the coating surface to traffic, moisture or chemical agents until system is fully cured.
- Outdoor carpet or other matting materials are not recommended, as they may trap moisture, contribute to mildew, mold and may damage the topcoat or sealer.
- Potted plants and/or planter boxes should be elevated off the surface and moved monthly to allow the coating to dry properly. Planter drainage may cause staining due to fertilizers and growing mediums. Drip pans or saucers should be utilized.
- Outdoor furniture should have coasters or pads to prevent indentations and damage to the coating.
- If barbecues are to be used, it is recommended to place a protective pan down to prevent damage from hot grease or coals.
- Do not cut, slice, or puncture the coating system. This is especially true for all waterproofing systems, such as ALX, ALX Pro and MACoat.
- Avoid dragging bulky metal, concrete, or other types of objects over the surface.
- Fire pits are not recommended for use with Westcoat coating systems.
- Do not expose the coating system to solvents, harsh chemicals, or acids.
- Avoid subjecting the coating system to repeated heavy rolling loads.
- Tape or other adhesives should not be applied to finished surfaces.

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